United States Patent [19]

Hasegawa

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[54] **KEY SWITCH**

[75] Inventor: **Hiroshi Hasegawa,** Tokyo, Japan

[73] Assignee: **Topre Corporation,** Tokyo, Japan

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[58] **Field of Search** ..... 200/5 A, 52 R, DIG. 1, 200/159 B; 361/288; 340/365 R, 365 C

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Primary Examiner—J. R. Scott

Attorney, Agent, or Firm—Oblon, Fisher, Spivak, McClelland & Maier

[57] **ABSTRACT**

A key switch including a substrate prepared from dielectric material, and first and second electrodes respectively formed on the bottom and top surfaces of the substrate to constitute a capacitor together with the substrate. The first electrode is electrically connected to a pulse voltage signal oscillator, thereby pulsatively storing a static capacitance between the first and second electrodes. A first fixed contact electrically connected to the second electrode is provided on that portion of the surface of the substrate. A second fixed contact is positioned near the first fixed contact. The first and second fixed contacts are electrically connected or shut by a manually operable movable conductive rubber contact.

11 Claims, 11 Drawing Figures